

PRELIMINARY AMENDMENT

Attorney Docket No. Q76350

IN THE CLAIMS:

Please enter the following amended claims:

1. (Original) A fixed electrical connection member of an electronic device for connecting one or more electrical conductors of said electronic device to a mobile electrical connection member external to said electronic device, which fixed member includes, on the side external to said electronic device, 2N conductive terminals disposed on a front face and connected, inside said electronic device, to said electrical conductor of said electronic device, and aligned in pairs, said N pairs being aligned to form two rows of N terminals that are symmetrical with respect to a longitudinal axis, and each terminal of a pair being electrically connected to the terminal of the adjacent pair on the other side of said longitudinal axis.
2. (Original) The fixed electrical connection member claimed in claim 1 wherein said electrical terminals are fixed to a front face of a printed circuit board whose rear face electrically connects them to a spring contact adapted to cooperate with a fixed electrical terminal of said electronic device comprising the electrical conductor of said electronic device.
3. (Original) The fixed electrical connection member claimed in claim 2 wherein said spring contact of said fixed member has a first end that is mobile to cooperate with said fixed terminal of said electronic device and a second end that is in elastic contact with one or more conductive tracks on the rear face of said printed circuit board.

PRELIMINARY AMENDMENT

Attorney Docket No. Q76350

4. (Original) The fixed electrical connection member claimed in claim 1, wherein said front face comprises assembly means adapted to cooperate with said mobile electrical connection member.

5. (Original) The fixed electrical connection member claimed in claim 4 wherein said assembly means comprise a groove in the vicinity of said front face of said fixed member and a metal plate crimped to said groove.

6. (Original) The fixed electrical connection member claimed in claim 1 having a dimension along said longitudinal axis greater than its dimension perpendicular thereto.

7. (Original) A mobile electrical connection member adapted to cooperate with a fixed electrical connection member as claimed in claim 1, which mobile electrical connection member comprises:

- N spring contacts adapted to cooperate with N terminals of said fixed member, having a mobile first end adapted to contact said terminals and a fixed second end adapted to be connected to an electrical conductor, and disposed to face a terminal of each of said N pairs of terminals, each contact facing successively a terminal of each row along said longitudinal axis, and
- means for mounting said mobile member on a peripheral portion of said front face of said fixed member to connect said spring contacts to said terminals.

PRELIMINARY AMENDMENT

Attorney Docket No. Q76350

8. (Original) The mobile electrical connection member claimed in claim 7 wherein said mounting means comprise an elastic ring adapted to clip to said groove in said front face of said fixed member.

9. (Original) The mobile electrical connection member claimed in claim 7, whose section is identical to that of said fixed member.

10. (Currently Amended) An electrical connection device comprising a fixed member as claimed in claim 1 and a mobile member as claimed in claim 7, said mobile member being adapted to fit onto said front face of said fixed member.

11. (Original) An electronic device comprising a fixed electrical connection member of an electronic device for connecting one or more electrical conductors of said electronic device to a mobile electrical connection member external of said electronic device, said fixed electrical connection member comprising, externally of said electronic device, 2N conductive terminals disposed on a front face, connected inside said electronic device to said electrical conductor of said electronic device, and aligned in pairs, said N pairs being aligned to form two rows of N terminals that are symmetrical with respect to a longitudinal axis, and each terminal of a pair being electrically connected to the terminal of the adjacent pair on the other side of said longitudinal axis.

PRELIMINARY AMENDMENT
Attorney Docket No. Q76350

12. (New) An electrical connection device comprising a mobile member as claimed
in claim 7, said mobile member being adapted to fit onto said front face of said fixed member.